5/18/86 S8205-5

# EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

## JULY, 1986

Virginia Employment Commission
Economic Information Services Division
Post Office Box 1358
Richmond, Virginia 23211

EMPLOYMENT, HOURS AND EARNINGS
Volume 36, Number 7

Virginia Employment Commission
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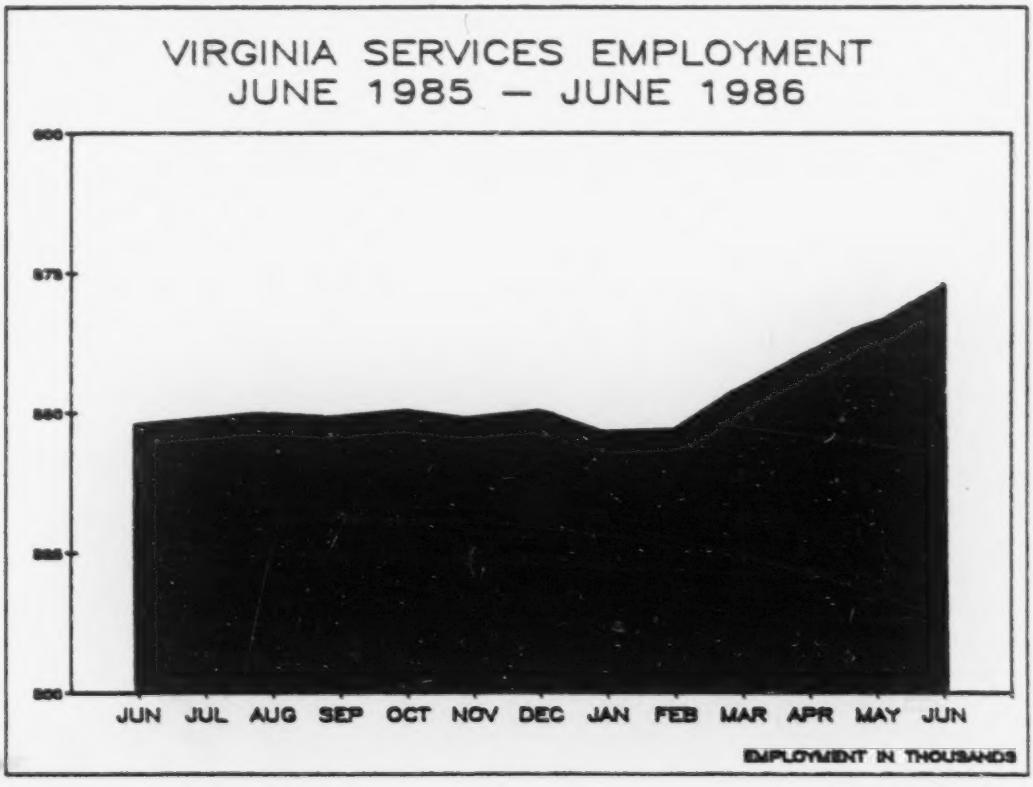
NONMANUFACTURING EMPLOYMENT LEVELS CONTINUED TO SOAR DURING JUNE 1986

TOTAL NONAGRICULTURAL EMPLOYMENT CONTINUED TO CLIMB UPWARD IN VIRGINIA DURING JUNE--2,558,800 WORKERS WERE ON PAYROLLS ACROSS THE STATE. This figure represents a gain of 17,400 hires since May 1986 and a hefty rise of 77,600 people over year-ago levels.

NONMANUFACTURING EMPLOYMENT LEVELS CONTINUED TO SOAR DURING JUNE 1986 TO REACH A LEVEL OF 2,131,400 JOB HOLDERS. A total of 15,800 people were added during the month and 73,300 helpers were recruited over the year. Finance, insurance and real estate, construction, services, and government employment were at all-time high levels. The transportation and public utilities segment was the only one that displayed a negative trend. Several strikes, one sizeable, were responsible for that downward movement. All other sectors had significant increases.

SERVICES HAD THE BIGGEST HIKE, EXPANDING BY 6,800 PEOPLE OVER THE MONTH. Staffs have risen by 25,400 in this area since last year. Seasonal activity quickened the pace of hiring in hotels and lodging places as well as amusement and recreational facilities. Trade employment also rose significantly during June. Retail trade accounted for the bulk of the additional 5,000 people in that area. Construction companies upped their work force by 3,900 helpers this period and by 10,900 over the year.


VIRGINIA SERVICES EMPLOYMENT
JUNE 1985 — JUNE 1986
JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN
EMPLOYMENT IN THOUSANDS

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| TOTAL NONAGRICULTURAL | 2,558.8 | 2,541.4 | 2,481.2 | 17.4 | 77.6 |
| MANUFACTURING | 427.4 | 425.8 | 423.1 | 1.6 | 4.3 |
| DURABLE GOODS | 203.5 | 203.7 | 202.3 | -.2 | 1.2 |
| LUMBER AND WOOD PRODUCTS | 24.6 | 24.2 | 23.2 | .4 | 1.4 |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS | 7.9 | 7.7 | 6.8 | .2 | 1.1 |
| WOOD CONTAINERS | 1.6 | 1.7 | 1.7 | -.1 | -.1 |
| FURNITURE AND FIXTURES | 24.0 | 24.0 | 24.2 | .0 | -.2 |
| HOUSEHOLD AND OFFICE FURNITURE | 22.9 | 22.9 | 23.1 | .0 | -.2 |
| STONE, CLAY & GLASS PRODUCTS | 15.9 | 15.5 | 14.9 | .4 | 1.0 |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS | 7.5 | 7.4 | 7.1 | .1 | .4 |
| PRIMARY METAL INDUSTRIES | 10.9 | 11.0 | 10.9 | -.1 | 0 |
| FABRICATED METAL PRODUCTS | 18.7 | 18.7 | 19.4 | .0 | -.7 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 11.5 | 11.5 | 11.9 | .0 | -.4 |
| MACHINERY EXCEPT ELECTRICAL | 16.0 | 15.9 | 16.1 | .1 | -.1 |
| CONSTRUCTION AND RELATED MACHINERY | 4.4 | 4.3 | 4.3 | .1 | .1 |
| SPECIAL INDUSTRY MACHINERY | 1.7 | 1.7 | 1.8 | .0 | -.1 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 41.4 | 42.7 | 43.2 | -1.3 | -1.8 |
| COMMUNICATION EQUIPMENT | 16.8 | 18.2 | 17.2 | -1.4 | -.4 |
| TRANSPORTATION EQUIPMENT | 45.0 | 44.7 | 43.6 | .3 | 1.4 |
| INSTRUMENTS & RELATED PRODUCTS | 3.8 | 3.8 | 3.9 | .0 | -.1 |
| MISC. MANUFACTURING INDUSTRIES | 3.3 | 3.3 | 3.2 | .0 | .1 |
| NONDURABLE GOODS | 223.9 | 222.1 | 220.7 | 1.8 | 3.2 |
| FOOD & KINDRED PRODUCTS | 38.0 | 37.5 | 37.9 | .5 | .1 |
| MEAT PRODUCTS | 13.5 | 13.2 | 12.9 | .3 | .6 |
| DAIRY PRODUCTS | 2.4 | 2.4 | 2.4 | .0 | 0 |
| BEVERAGES | 5.6 | 5.5 | 5.5 | .1 | .1 |
| TOBACCO MANUFACTURES | 14.3 | 14.4 | 14.7 | -.1 | -.4 |
| TEXTILE MILL PRODUCTS | 43.6 | 43.0 | 42.3 | .6 | 1.3 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 14.4 | 14.4 | 15.5 | .0 | -1.1 |
| NARROW FABRIC MILLS | 1.4 | 1.3 | 1.1 | .1 | .3 |
| KNITTING MILLS | 20.0 | 19.2 | 17.2 | .8 | 2.8 |
| TEXTILE FINISHING EXCEPT WOOL | 3.0 | 3.1 | 3.3 | -.1 | -.3 |
| MISC. TEXTILE GOODS | 1.5 | 1.5 | 1.4 | 0 | .1 |
| APPAREL & OTHER TEXTILE PRODUCTS | 30.7 | 30.5 | 31.0 | .2 | -.3 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 10.4 | 10.4 | 10.6 | 0 | -.2 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 16.6 | 16.3 | 16.5 | .3 | .1 |
| PAPER & ALLIED PRODUCTS | 15.9 | 16.0 | 15.8 | -.1 | .1 |
| PULP, PAPER & PAPERBOARD | 8.2 | 8.3 | 8.2 | -.1 | .0 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES | 7.2 | 7.3 | 7.2 | -.1 | .0 |
| PAPERBOARD CONTAINERS AND BOXES | 3.9 | 4.0 | 3.8 | -.1 | .1 |
| PRINTING AND PUBLISHING | 30.9 | 30.5 | 29.5 | .4 | 1.4 |
| NEWSPAPER AND PERIODICALS | 13.0 | 12.7 | 11.8 | .3 | 1.2 |
| COMMERCIAL PRINTING | 11.7 | 11.8 | 11.7 | -.1 | .0 |
| CHEMICALS & ALLIED PRODUCTS | 31.1 | 31.1 | 30.9 | .0 | .2 |
| PLASTICS MATERIALS AND SYNTHETICS | 17.6 | 17.6 | 17.9 | 0 | -.3 |
| MISC. CHEMICAL PRODUCTS | 5.2 | 5.2 | 5.2 | 0 | 0 |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS | 16.7 | 16.3 | 15.7 | .4 | 1.0 |
| MISC. PLASTICS PRODUCTS | 10.2 | 10.0 | 9.3 | .2 | .9 |
| LEATHER & LEATHER PRODUCTS | 2.8 | 2.8 | 2.9 | .0 | -.1 |

*(Continued on page 3)*

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

*(Continued from page 2)*

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| NONMANUFACTURING | 2,131.4 | 2,115.6 | 2,058.1 | 15.8 | 73.3 |
| MINING | 17.2 | 17.1 | 17.6 | .1 | - .4 |
| BITUMINOUS COAL AND LIGNITE MINING | 14.6 | 14.4 | 14.9 | .2 | - .3 |
| CONSTRUCTION | 168.9 | 165.0 | 158.0 | 3.9 | 10.9 |
| TRANSPORTATION & PUBLIC UTILITIES | 130.3 | 134.6 | 133.3 | - 4.3 | - 3.0 |
| RAILROAD TRANSPORTATION | 11.7 | 11.7 | 12.3 | .0 | - .6 |
| TRUCKING & WAREHOUSING | 32.0 | 31.5 | 31.2 | .5 | .8 |
| TRANSPORTATION BY AIR | 18.2 | 18.0 | 16.4 | .2 | 1.8 |
| COMMUNICATION | 33.6 | 37.9 | 38.6 | - 4.3 | - 5.0 |
| ELECTRIC, GAS & SANITARY SERVICES | 20.1 | 20.4 | 19.8 | - .3 | .3 |
| WHOLESALE & RETAIL TRADE | 573.7 | 568.7 | 548.2 | 5.0 | 25.5 |
| WHOLESALE TRADE | 121.4 | 121.3 | 118.2 | .1 | 3.2 |
| WHOLESALE TRADE - DURABLE GOODS | 77.7 | 77.5 | 75.2 | .2 | 2.5 |
| WHOLESALE TRADE - NONDURABLE GOODS | 43.7 | 43.8 | 42.9 | - .1 | .8 |
| RETAIL TRADE | 452.2 | 447.5 | 430.0 | 4.7 | 22.2 |
| GENERAL MERCHANDISE STORES | 60.7 | 60.1 | 57.6 | .6 | 3.1 |
| DEPARTMENT STORES | 47.9 | 47.3 | 45.8 | .6 | 2.1 |
| VARIETY STORES | 11.2 | 11.2 | 10.1 | .0 | 1.1 |
| FOOD STORES | 71.4 | 70.5 | 69.3 | .9 | 2.1 |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 53.4 | 52.8 | 52.2 | .6 | 1.2 |
| APPAREL & ACCESSORY STORES | 23.3 | 23.3 | 22.9 | .0 | .4 |
| FURNITURE AND HOME FURNISHING STORES | 25.3 | 25.4 | 23.4 | - .1 | 1.9 |
| EATING & DRINKING PLACES | 143.8 | 141.6 | 133.1 | 2.2 | 10.7 |
| MISCELLANEOUS RETAIL | 57.0 | 56.9 | 55.0 | .1 | 2.0 |
| FINANCE, INSURANCE AND REAL ESTATE | 131.4 | 128.8 | 124.6 | 2.6 | 6.8 |
| BANKING | 34.1 | 33.9 | 33.5 | .2 | .6 |
| CREDIT AGENCIES OTHER THAN BANKS | 21.0 | 20.4 | 17.8 | .6 | 3.2 |
| SECURITY, COMMODITY BROKERS & SERVICES | 3.6 | 3.5 | 3.6 | .1 | .0 |
| INSURANCE CARRIERS | 23.2 | 23.2 | 22.0 | .0 | 1.2 |
| REAL ESTATE | 34.0 | 32.4 | 32.8 | 1.6 | 1.2 |
| SERVICES | 572.9 | 566.1 | 547.5 | 6.8 | 25.4 |
| HOTELS AND OTHER LODGING PLACES | 42.2 | 40.8 | 41.0 | 1.3 | 1.2 |
| PERSONAL SERVICES | 30.6 | 30.6 | 29.1 | .0 | 1.5 |
| BUSINESS SERVICES | 148.0 | 147.2 | 139.7 | .8 | 8.3 |
| AUTO REPAIR SERVICES & GARAGES | 16.4 | 16.1 | 15.6 | .3 | .8 |
| MISC. REPAIR SERVICES | 7.2 | 7.2 | 7.0 | .0 | .2 |
| MOTION PICTURES | 3.1 | 3.0 | 3.4 | .1 | - .3 |
| AMUSEMENT AND RECREATION SERVICES | 21.5 | 18.9 | 20.2 | 2.6 | 1.3 |
| HEALTH SERVICES | 131.9 | 130.7 | 127.0 | 1.2 | 4.9 |
| HOSPITALS | 67.6 | 67.0 | 65.1 | .6 | 2.5 |
| EDUCATIONAL SERVICES | 27.4 | 28.5 | 26.4 | - 1.1 | 1.0 |
| GOVERNMENT | 537.0 | 535.3 | 529.0 | 1.7 | 8.0 |
| FEDERAL GOVERNMENT | 170.0 | 169.3 | 170.2 | .7 | - .2 |
| STATE & LOCAL GOVERNMENT | 367.0 | 366.1 | 358.8 | .9 | 8.2 |
| STATE GOVERNMENT | 128.6 | 129.9 | 125.3 | - 1.3 | 3.3 |
| LOCAL GOVERNMENT | 238.4 | 236.2 | 233.5 | 2.2 | 4.9 |

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1985 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

NONMANUFACTURING EMPLOYMENT LEVELS
CONTINUED TO SOAR DURING JUNE 1986
(Continued from page 1)

THE NUMBER OF GOVERNMENT WORKERS WAS ELEVATED BY 1,700 DURING JUNE. An additional 8,000 people were reported in this group since last year. State government workers decreased but that loss was offset by boosts in the federal and local sectors.

MANUFACTURING EMPLOYMENT INCHED UPWARD DURING THIS PERIOD WITH A PICKUP OF 1,600 NEW HIRES. An increase of 4,300 was noted since June 1985. Nondurable goods accounted for all the gain and they were mostly seasonal. The drought weather conditions are adversely affecting farmers and the poultry industry in Virginia. The gravity of this situation remains to be seen.

THE 321,700 PERSONS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF $357.86 IN JUNE 1986. This was an increase of $.32 over the month and a gain of $17.77 over the year. Average weekly hours dropped to 40.3 during the month. The over-the-month decrease was one-tenth of an hour. Average weekly hours were one-tenth of an hour longer than June 1985. A gain of $.03 over the month put average hourly earnings at $8.88. This was $.42 more than the $8.46 earned in June 1985.

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THE CONSUMER PRICE INDEX - JUNE 1986

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) INCREASED 0.5 PERCENT IN JUNE 1986 TO A LEVEL OF 327.9 (1967=100). For the 12-month period ending in June, the CPI-U increased 1.7 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 0.5 percent in June. The June 1986 CPI-W level of 323.0 (1967=100) was 1.3 percent higher than the June 1985 index. The CPI for June 1986 will be released August 21, 1986, and may be obtained by calling (804) 786-4490.

Table A-2.

# VIRGINIA

## EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1976–1985 JANUARY 1982 TO DATE (IN THOUSANDS)

| Year and Month | Total 1/ | Manufacturing | Mining | Construction | Transportation and Public Utilities | Wholesale and Retail Trade | Finance, Insurance and Real Estate | Services | Government 1/ |
|---|---|---|---|---|---|---|---|---|---|
| Annual Average | | | | | | | | | |
| 1976 | 1,848.1 | 387.7 | 21.8 | 111.8 | 104.4 | 386.7 | 86.3 | 312.8 | 436.6 |
| 1977 | 1,930.4 | 400.8 | 22.0 | 119.0 | 105.9 | 405.6 | 91.7 | 331.8 | 453.6 |
| 1978 | 2,033.5 | 409.4 | 20.5 | 130.2 | 107.6 | 428.1 | 97.1 | 357.9 | 482.7 |
| 1979 | 2,115.0 | 413.8 | 23.3 | 138.4 | 114.2 | 443.9 | 104.4 | 383.5 | 493.5 |
| 1980 | 2,157.2 | 413.8 | 22.7 | 128.3 | 115.8 | 451.2 | 105.9 | 408.3 | 511.2 |
| 1981 | 2,160.8 | 414.0 | 21.7 | 116.3 | 117.6 | 460.4 | 106.1 | 418.3 | 506.6 |
| 1982 | 2,146.4 | 397.2 | 22.1 | 103.8 | 119.0 | 462.4 | 106.9 | 434.8 | 500.1 |
| 1983 | 2,206.9 | 403.6 | 17.4 | 113.9 | 120.4 | 480.2 | 110.1 | 460.4 | 500.9 |
| 1984 | 2,333.3 | 421.3 | 18.3 | 132.8 | 127.2 | 516.5 | 117.1 | 495.1 | 505.0 |
| 1985 | 2,447.1 | 423.3 | 17.3 | 151.3 | 131.8 | 545.2 | 122.9 | 537.6 | 517.6 |
| 1982: | | | | | | | | | |
| January | 2,104.1 | 400.8 | 24.1 | 93.4 | 117.0 | 452.0 | 104.4 | 413.5 | 499.0 |
| February | 2,104.3 | 400.8 | 23.8 | 94.1 | 116.8 | 447.1 | 104.5 | 416.7 | 500.5 |
| March | 2,115.1 | 396.1 | 24.0 | 96.8 | 116.7 | 447.2 | 104.7 | 422.2 | 505.4 |
| April | 2,149.2 | 397.4 | 24.6 | 102.9 | 118.8 | 456.1 | 106.1 | 432.8 | 510.6 |
| May | 2,160.4 | 396.3 | 24.0 | 107.0 | 119.8 | 460.6 | 106.9 | 435.1 | 510.7 |
| June | 2,180.2 | 397.6 | 22.5 | 108.3 | 120.7 | 463.6 | 108.6 | 444.6 | 514.3 |
| July | 2,152.9 | 395.6 | 21.9 | 109.6 | 119.8 | 466.0 | 108.9 | 446.7 | 484.3 |
| August | 2,153.9 | 396.0 | 21.6 | 109.1 | 120.5 | 467.4 | 108.8 | 446.8 | 483.8 |
| September | 2,159.2 | 398.1 | 21.3 | 108.1 | 120.0 | 467.7 | 108.0 | 445.4 | 490.6 |
| October | 2,156.1 | 398.2 | 20.5 | 106.7 | 119.8 | 467.8 | 106.9 | 440.0 | 496.2 |
| November | 2,160.4 | 395.0 | 19.6 | 106.1 | 119.2 | 472.8 | 107.3 | 437.2 | 503.3 |
| December | 2,161.2 | 392.9 | 17.8 | 103.5 | 119.2 | 480.9 | 107.5 | 436.9 | 502.4 |
| 1983: | | | | | | | | | |
| January | 2,121.8 | 388.5 | 20.3 | 97.2 | 117.8 | 459.7 | 105.8 | 437.8 | 498.1 |
| February | 2,115.9 | 388.8 | 16.5 | 95.8 | 116.6 | 450.1 | 106.0 | 438.8 | 503.4 |
| March | 2,139.6 | 391.6 | 16.6 | 99.6 | 118.2 | 455.8 | 106.5 | 446.4 | 504.9 |
| April | 2,173.0 | 396.4 | 17.0 | 106.6 | 119.7 | 466.5 | 108.1 | 454.7 | 504.0 |
| May | 2,200.7 | 399.3 | 17.2 | 111.8 | 120.7 | 473.7 | 109.2 | 459.6 | 509.2 |
| June | 2,240.5 | 404.9 | 17.5 | 117.6 | 122.4 | 479.5 | 112.0 | 469.3 | 517.4 |
| July | 2,237.8 | 407.6 | 17.7 | 122.3 | 123.0 | 490.8 | 113.5 | 475.5 | 487.3 |
| August | 2,226.2 | 408.3 | 17.9 | 124.2 | 112.7 | 492.4 | 113.7 | 476.0 | 480.9 |
| September | 2,259.9 | 413.5 | 18.1 | 124.4 | 123.5 | 494.9 | 112.5 | 477.5 | 495.6 |
| October | 2,248.9 | 414.7 | 18.0 | 123.6 | 123.2 | 494.0 | 111.1 | 464.7 | 499.7 |
| November | 2,255.6 | 415.6 | 17.9 | 123.0 | 122.7 | 498.5 | 110.7 | 461.8 | 505.3 |
| December | 2,263.1 | 414.6 | 17.9 | 120.6 | 124.4 | 506.9 | 111.5 | 462.6 | 504.7 |
| 1984: | | | | | | | | | |
| January | 2,238.0 | 411.8 | 17.9 | 114.1 | 122.6 | 491.5 | 113.3 | 464.9 | 501.9 |
| February | 2,243.9 | 413.7 | 17.8 | 114.6 | 123.2 | 487.0 | 113.4 | 469.1 | 505.1 |
| March | 2,268.3 | 416.2 | 18.1 | 118.3 | 123.8 | 494.4 | 114.5 | 477.2 | 505.7 |
| April | 2,289.5 | 416.7 | 18.5 | 124.7 | 125.1 | 499.2 | 114.9 | 482.9 | 507.6 |
| May | 2,320.3 | 418.2 | 18.8 | 130.7 | 126.5 | 507.6 | 116.4 | 489.7 | 512.6 |
| June | 2,356.1 | 422.7 | 19.4 | 137.3 | 128.4 | 512.9 | 118.6 | 501.8 | 514.8 |
| July | 2,337.5 | 420.9 | 19.7 | 142.7 | 128.9 | 523.5 | 119.7 | 507.7 | 474.4 |
| August | 2,355.4 | 425.6 | 19.4 | 144.1 | 129.3 | 525.6 | 120.0 | 509.9 | 481.6 |
| September | 2,383.3 | 427.2 | 19.2 | 143.2 | 128.8 | 526.1 | 116.8 | 510.1 | 509.8 |
| October | 2,391.6 | 427.9 | 17.5 | 142.8 | 129.9 | 534.3 | 118.1 | 509.3 | 511.6 |
| November | 2,401.8 | 427.2 | 16.4 | 141.6 | 129.3 | 543.3 | 118.6 | 508.5 | 516.9 |
| December | 2,413.7 | 426.9 | 16.6 | 139.9 | 130.2 | 552.3 | 119.2 | 510.4 | 518.2 |
| 1985: | | | | | | | | | |
| January | 2,362.8 | 422.6 | 17.0 | 132.5 | 129.2 | 522.3 | 118.1 | 506.8 | 514.4 |
| February | 2,361.8 | 422.3 | 17.1 | 130.9 | 128.1 | 517.4 | 118.4 | 511.3 | 516.3 |
| March | 2,392.6 | 422.9 | 17.2 | 139.6 | 128.8 | 525.1 | 119.5 | 520.7 | 518.9 |
| April | 2,418.2 | 421.9 | 17.1 | 146.7 | 129.9 | 530.5 | 120.5 | 530.4 | 521.0 |
| May | 2,449.7 | 421.1 | 17.4 | 152.9 | 131.8 | 541.8 | 122.2 | 537.9 | 524.6 |
| June | 2,481.2 | 423.1 | 17.6 | 158.0 | 133.3 | 548.2 | 124.6 | 547.5 | 529.0 |
| July | 2,443.1 | 417.9 | 17.6 | 161.2 | 133.7 | 549.2 | 126.3 | 548.9 | 488.3 |
| August | 2,446.9 | 423.6 | 17.3 | 161.4 | 133.5 | 547.6 | 126.5 | 549.7 | 487.3 |
| September | 2,479.3 | 426.3 | 17.4 | 159.4 | 133.1 | 549.3 | 124.7 | 549.1 | 520.1 |
| October | 2,498.7 | 426.8 | 17.3 | 159.4 | 133.3 | 560.6 | 124.2 | 550.3 | 526.8 |
| November | 2,507.3 | 425.6 | 17.2 | 157.0 | 132.9 | 569.5 | 124.7 | 548.7 | 531.6 |
| December | 2,522.9 | 425.9 | 17.1 | 156.7 | 134.0 | 580.7 | 124.7 | 550.3 | 533.3 |
| 1986: | | | | | | | | | |
| January | 2,484.8 | 424.8 | 16.8 | 152.8 | 132.6 | 557.8 | 123.3 | 545.3 | 531.3 |
| February | 2,478.8 | 426.4 | 16.6 | 149.3 | 132.3 | 550.3 | 123.8 | 546.8 | 533.2 |
| March | 2,496.4 | 425.1 | 16.9 | 154.9 | 132.7 | 553.2 | 125.3 | 554.7 | 533.6 |
| April | 2,517.8 | 425.1 | 17.0 | 161.5 | 133.6 | 559.9 | 126.8 | 561.1 | 532.8 |
| May | 2,541.4 | 425.8 | 17.1 | 165.0 | 134.6 | 568.7 | 128.8 | 566.1 | 535.3 |
| June | 2,558.8 | 427.4 | 17.2 | 168.9 | 130.3 | 573.7 | 131.4 | 572.9 | 537.0 |

See footnote Table A-1.

# ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| TOTAL NONAGRICULTURAL | 1,143.5 | 1,137.3 | 1,096.6 | 6.2 | 46.9 |
| MANUFACTURING | 150.3 | 149.9 | 148.7 | .4 | 1.6 |
| DURABLE GOODS | 52.0 | 52.7 | 52.3 | - .7 | - .3 |
| LUMBER AND WOOD PRODUCTS | 4.6 | 4.6 | 4.6 | .0 | .0 |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS | 2.3 | 2.3 | 2.2 | .0 | .1 |
| WOOD CONTAINERS | 0.2 | 0.2 | 0.3 | .0 | - .1 |
| FURNITURE AND FIXTURES | 8.6 | 8.7 | 8.8 | - .1 | - .2 |
| HOUSEHOLD AND OFFICE FURNITURE | 8.3 | 8.4 | 8.5 | - .1 | - .2 |
| STONE, CLAY & GLASS PRODUCTS | 2.3 | 2.3 | 2.1 | .0 | .2 |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS | 0.6 | 0.6 | 0.5 | .0 | .1 |
| PRIMARY METAL INDUSTRIES | 2.2 | 2.2 | 2.1 | .0 | .1 |
| FABRICATED METAL PRODUCTS | 3.5 | 3.5 | 3.5 | .0 | .0 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 1.4 | 1.4 | 1.4 | .0 | .0 |
| MACHINERY EXCEPT ELECTRICAL | 2.9 | 2.9 | 2.9 | .0 | .0 |
| CONSTRUCTION AND RELATED MACHINERY | 0.6 | 0.6 | 0.6 | .0 | .0 |
| SPECIAL INDUSTRY MACHINERY | 0.2 | 0.2 | 0.2 | .0 | .0 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 17.8 | 18.5 | 18.5 | - .7 | - .7 |
| COMMUNICATION EQUIPMENT | 7.7 | 8.3 | 7.8 | - .6 | - .1 |
| TRANSPORTATION EQUIPMENT | 6.7 | 6.8 | 6.5 | - .1 | .2 |
| INSTRUMENTS & RELATED PRODUCTS | 2.0 | 2.0 | 2.0 | .0 | .0 |
| MISC. MANUFACTURING INDUSTRIES | 1.3 | 1.3 | 1.3 | .0 | .0 |
| NONDURABLE GOODS | 98.4 | 97.1 | 96.3 | 1.3 | 2.1 |
| FOOD & KINDRED PRODUCTS | 12.9 | 12.7 | 13.5 | .2 | - .6 |
| MEAT PRODUCTS | 5.6 | 5.5 | 5.4 | .1 | .2 |
| DAIRY PRODUCTS | 0.5 | 0.5 | 0.5 | .0 | .0 |
| BEVERAGES | 0.8 | 0.8 | 0.7 | .0 | .1 |
| TOBACCO MANUFACTURES | 4.4 | 4.5 | 4.6 | - .1 | - .2 |
| TEXTILE MILL PRODUCTS | 25.4 | 25.1 | 24.2 | .3 | 1.2 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 6.5 | 6.5 | 6.9 | .0 | - .4 |
| NARROW FABRIC MILLS | 0.7 | 0.7 | 0.6 | .0 | .1 |
| KNITTING MILLS | 14.8 | 14.4 | 13.1 | .4 | 1.7 |
| TEXTILE FINISHING EXCEPT WOOL | 1.2 | 1.3 | 1.3 | - .1 | - .1 |
| MISC. TEXTILE GOODS | 0.5 | 0.5 | 0.5 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 27.3 | 27.0 | 27.3 | .3 | .0 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 9.3 | 9.3 | 9.4 | .0 | - .1 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 15.6 | 15.2 | 15.5 | .4 | .1 |
| PAPER & ALLIED PRODUCTS | 2.9 | 3.0 | 2.9 | - .1 | .0 |
| PULP, PAPER & PAPERBOARD | 0.9 | 0.9 | 0.9 | .0 | .0 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES | 2.0 | 2.0 | 2.0 | .0 | .0 |
| PAPERBOARD CONTAINERS AND BOXES | 0.7 | 0.8 | 0.7 | - .1 | .0 |
| PRINTING AND PUBLISHING | 11.0 | 10.7 | 10.1 | .3 | .9 |
| NEWSPAPER AND PERIODICALS | 5.3 | 5.0 | 4.6 | .3 | .7 |
| COMMERCIAL PRINTING | 2.6 | 2.6 | 2.6 | .0 | .0 |
| CHEMICALS & ALLIED PRODUCTS | 8.6 | 8.5 | 8.2 | .1 | .4 |
| PLASTICS MATERIALS AND SYNTHETICS | 4.7 | 4.6 | 4.7 | .1 | .0 |
| MISC. CHEMICAL PRODUCTS | 1.2 | 1.2 | 1.1 | .0 | .1 |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS | 3.9 | 3.7 | 3.5 | .2 | .4 |
| MISC. PLASTICS PRODUCTS | 3.0 | 2.8 | 2.6 | .2 | .4 |
| LEATHER & LEATHER PRODUCTS | 2.0 | 2.1 | 2.1 | - .1 | - .1 |

*(Continued on page 7)*

# ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

*(Continued from page 6)*

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| NONMANUFACTURING | 993.1 | 987.5 | 947.9 | 5.6 | 45.2 |
| MINING | 0.9 | 0.9 | 0.9 | 0 | 0 |
| BITUMINOUS COAL AND LIGNITE MINING | 0.6 | 0.6 | 0.6 | 0 | 0 |
| CONSTRUCTION | 13.2 | 12.8 | 12.1 | .4 | 1.1 |
| TRANSPORTATION & PUBLIC UTILITIES | 39.4 | 41.6 | 40.5 | -2.2 | -1.1 |
| RAILROAD TRANSPORTATION | 1.5 | 1.5 | 1.6 | 0 | -.1 |
| TRUCKING & WAREHOUSING | 3.8 | 3.7 | 3.7 | .1 | .1 |
| TRANSPORTATION BY AIR | 7.3 | 7.3 | 6.7 | 0 | .6 |
| COMMUNICATION | 17.0 | 19.1 | 19.1 | -2.1 | -2.1 |
| ELECTRIC, GAS & SANITARY SERVICES | 4.6 | 4.7 | 4.7 | -.1 | -.1 |
| WHOLESALE & RETAIL TRADE | 258.6 | 256.3 | 243.8 | 2.3 | 14.8 |
| WHOLESALE TRADE | 31.5 | 31.5 | 30.4 | 0 | 1.1 |
| WHOLESALE TRADE - DURABLE GOODS | 19.1 | 19.1 | 18.4 | 0 | .7 |
| WHOLESALE TRADE - NONDURABLE GOODS | 12.4 | 12.4 | 12.0 | 0 | .4 |
| RETAIL TRADE | 227.2 | 224.8 | 213.4 | 2.4 | 13.8 |
| GENERAL MERCHANDISE STORES | 41.7 | 41.4 | 38.9 | .3 | 2.8 |
| DEPARTMENT STORES | 32.5 | 32.1 | 30.6 | .4 | 1.9 |
| VARIETY STORES | 8.1 | 8.2 | 7.2 | -.1 | .9 |
| FOOD STORES | 30.4 | 30.0 | 29.2 | .4 | 1.2 |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 12.4 | 12.2 | 11.5 | .2 | .9 |
| APPAREL & ACCESSORY STORES | 16.5 | 16.4 | 16.0 | .1 | .5 |
| FURNITURE AND HOME FURNISHING STORES | 8.9 | 9.0 | 8.5 | -.1 | .4 |
| EATING & DRINKING PLACES | 80.7 | 79.5 | 74.7 | 1.2 | 6.0 |
| MISCELLANEOUS RETAIL | 32.7 | 32.6 | 31.0 | .1 | 1.7 |
| FINANCE, INSURANCE AND REAL ESTATE | 79.5 | 78.1 | 73.6 | 1.4 | 5.9 |
| BANKING | 25.5 | 25.4 | 24.9 | .1 | .6 |
| CREDIT AGENCIES OTHER THAN BANKS | 15.8 | 15.4 | 13.2 | .4 | 2.6 |
| SECURITY, COMMODITY BROKERS & SERVICES | 1.7 | 1.7 | 1.7 | 0 | 0 |
| INSURANCE CARRIERS | 14.5 | 14.5 | 13.5 | 0 | 1.0 |
| REAL ESTATE | 13.7 | 13.0 | 12.9 | .7 | .8 |
| SERVICES | 322.8 | 319.7 | 306.5 | 3.1 | 16.3 |
| HOTELS AND OTHER LODGING PLACES | 24.4 | 23.5 | 23.5 | .9 | .9 |
| PERSONAL SERVICES | 21.2 | 21.4 | 19.6 | -.2 | 1.6 |
| BUSINESS SERVICES | 61.4 | 61.0 | 58.0 | .4 | 3.4 |
| AUTO REPAIR SERVICES & GARAGES | 3.3 | 3.3 | 3.2 | 0 | .1 |
| MISC. REPAIR SERVICES | 2.1 | 2.1 | 1.9 | 0 | .2 |
| MOTION PICTURES | 1.4 | 1.4 | 1.8 | 0 | -.4 |
| AMUSEMENT AND RECREATION SERVICES | 8.9 | 7.9 | 7.8 | 1.0 | 1.1 |
| HEALTH SERVICES | 108.8 | 108.1 | 104.2 | .7 | 4.6 |
| HOSPITALS | 56.3 | 55.9 | 53.8 | .4 | 2.5 |
| EDUCATIONAL SERVICES | 16.1 | 16.7 | 15.0 | -.6 | 1.1 |
| GOVERNMENT | 278.8 | 278.2 | 270.6 | .6 | 8.2 |
| FEDERAL GOVERNMENT | 69.4 | 69.0 | 68.7 | .4 | .7 |
| STATE & LOCAL GOVERNMENT | 209.4 | 209.2 | 201.9 | .2 | 7.5 |
| STATE GOVERNMENT | 63.1 | 63.8 | 61.7 | -.7 | 1.4 |
| LOCAL GOVERNMENT | 146.2 | 145.4 | 140.2 | .8 | 6.0 |

See footnote Table A-1.

# ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| MANUFACTURING | 321.7 | 320.5 | 317.7 | 1.2 | 4.0 |
| DURABLE GOODS | 151.4 | 151.6 | 149.8 | -.2 | 1.6 |
| LUMBER AND WOOD PRODUCTS | 21.3 | 20.9 | 20.0 | .4 | 1.3 |
| MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS | 6.5 | 6.3 | 5.5 | .2 | 1.0 |
| WOOD CONTAINERS | 1.5 | 1.5 | 1.6 | .0 | -.1 |
| FURNITURE AND FIXTURES | 20.3 | 20.4 | 20.7 | -.1 | -.4 |
| HOUSEHOLD AND OFFICE FURNITURE | 19.6 | 19.7 | 20.0 | -.1 | -.4 |
| STONE, CLAY & GLASS PRODUCTS | 13.2 | 12.8 | 12.2 | .4 | 1.0 |
| CONCRETE, GYPSUM AND PLASTER PRODUCTS | 6.1 | 6.0 | 5.6 | .1 | .5 |
| PRIMARY METAL INDUSTRIES | 6.6 | 6.7 | 6.1 | -.1 | .5 |
| FABRICATED METAL PRODUCTS | 13.6 | 13.6 | 14.2 | .0 | -.6 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 7.8 | 7.8 | 8.3 | .0 | -.5 |
| MACHINERY EXCEPT ELECTRICAL | 11.1 | 11.0 | 10.8 | .1 | .3 |
| CONSTRUCTION AND RELATED MACHINERY | 2.7 | 2.7 | 2.5 | .0 | .2 |
| SPECIAL INDUSTRY MACHINERY | 0.8 | 0.8 | 0.8 | .0 | .0 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 21.7 | 22.9 | 23.5 | -1.2 | -1.8 |
| COMMUNICATION EQUIPMENT | 8.7 | 10.0 | 9.6 | -1.3 | -.9 |
| TRANSPORTATION EQUIPMENT | 38.3 | 38.0 | 36.9 | .3 | 1.4 |
| INSTRUMENTS & RELATED PRODUCTS | 2.6 | 2.5 | 2.7 | .1 | -.1 |
| MISC. MANUFACTURING INDUSTRIES | 2.7 | 2.7 | 2.8 | .0 | -.1 |
| NONDURABLE GOODS | 170.3 | 168.9 | 167.8 | 1.4 | 2.5 |
| FOOD & KINDRED PRODUCTS | 27.3 | 26.9 | 27.4 | .4 | -.1 |
| MEAT PRODUCTS | 11.6 | 11.5 | 10.9 | .1 | .7 |
| DAIRY PRODUCTS | 1.3 | 1.3 | 1.4 | .0 | -.1 |
| BEVERAGES | 2.2 | 2.1 | 2.2 | .1 | .0 |
| TOBACCO MANUFACTURES | 8.5 | 8.5 | 9.0 | .0 | -.5 |
| TEXTILE MILL PRODUCTS | 39.2 | 38.7 | 37.7 | .5 | 1.5 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 12.8 | 12.8 | 13.6 | .0 | -.8 |
| NARROW FABRIC MILLS | 1.1 | 1.1 | 0.8 | .0 | .3 |
| KNITTING MILLS | 18.3 | 17.6 | 15.7 | .7 | 2.6 |
| TEXTILE FINISHING EXCEPT WOOL | 2.6 | 2.7 | 2.9 | -.1 | -.3 |
| MISC. TEXTILE GOODS | 1.2 | 1.2 | 1.2 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 27.7 | 27.5 | 27.7 | .2 | .0 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 9.5 | 9.5 | 9.6 | .0 | -.1 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 15.0 | 14.8 | 14.9 | .2 | .1 |
| PAPER & ALLIED PRODUCTS | 12.0 | 12.1 | 11.9 | -.1 | .1 |
| PULP, PAPER & PAPERBOARD | 5.5 | 5.5 | 5.4 | .0 | .1 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS. CONTAINERS AND BOXES | 6.2 | 6.3 | 6.1 | -.1 | .1 |
| PAPERBOARD CONTAINERS AND BOXES | 3.3 | 3.3 | 3.2 | .0 | .1 |
| PRINTING AND PUBLISHING | 17.6 | 17.5 | 17.3 | .1 | .3 |
| NEWSPAPER AND PERIODICALS | 4.0 | 3.9 | 3.8 | .1 | .2 |
| COMMERCIAL PRINTING | 9.4 | 9.4 | 9.4 | .0 | .0 |
| CHEMICALS & ALLIED PRODUCTS | 22.4 | 22.4 | 22.0 | .0 | .4 |
| PLASTICS MATERIALS AND SYNTHETICS | 13.5 | 13.4 | 13.5 | .1 | .0 |
| MISC. CHEMICAL PRODUCTS | 3.4 | 3.4 | 3.3 | .0 | .1 |
| PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS | 13.2 | 12.8 | 12.1 | .4 | 1.1 |
| MISC. PLASTICS PRODUCTS | 8.1 | 7.9 | 7.2 | .2 | .9 |
| LEATHER & LEATHER PRODUCTS | 2.5 | 2.5 | 2.6 | .0 | -.1 |

See footnote Table A-1.

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
**BRISTOL, VIRGINIA AREA**

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| TOTAL NONAGRICULTURAL | 30.6 | 30.3 | 29.2 | .3 | 1.4 |
| MANUFACTURING | 9.8 | 9.6 | 9.4 | .2 | .4 |
| DURABLE GOODS | 4.9 | 4.9 | 5.0 | .0 | -.1 |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | .2 | .2 | .2 | .0 | .0 |
| STONE, CLAY & GLASS PRODUCTS | .4 | .4 | .3 | .0 | .1 |
| PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS | 2.0 | 1.9 | 2.0 | .1 | .0 |
| FABRICATED METAL PRODUCTS | 1.6 | 1.5 | 1.6 | .1 | .0 |
| MACHINERY & TRANSPORTATION EQUIPMENT | 2.3 | 2.3 | 2.4 | .0 | -.1 |
| OTHER DURABLE GOODS | .1 | .1 | .1 | .0 | .0 |
| NONDURABLE GOODS | 4.9 | 4.7 | 4.5 | .2 | .4 |
| FOOD & KINDRED PRODUCTS | 1.6 | 1.6 | 1.7 | .0 | -.1 |
| TEXTILE MILL PRODUCTS | .1 | .1 | .1 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 2.2 | 2.0 | 1.7 | .2 | .5 |
| PAPER & ALLIED PRODS & PRINTING & PUBLISHING | .5 | .5 | .5 | .0 | .0 |
| OTHER NONDURABLE GOODS | .6 | .6 | .5 | .0 | .1 |
| NONMANUFACTURING | 20.9 | 20.6 | 19.8 | .3 | 1.1 |
| MINING | .1 | .1 | .1 | .0 | .0 |
| CONSTRUCTION | 1.6 | 1.5 | 1.4 | .1 | .2 |
| TRANSPORTATION & PUBLIC UTILITIES | 1.2 | 1.2 | 1.1 | .0 | .1 |
| WHOLESALE & RETAIL TRADE | 7.5 | 7.5 | 7.3 | .0 | .2 |
| WHOLESALE TRADE | 1.5 | 1.4 | 1.4 | .1 | .1 |
| RETAIL TRADE | 6.0 | 6.1 | 5.9 | -.1 | .1 |
| FINANCE, INSURANCE AND REAL ESTATE | 1.0 | 1.0 | 1.0 | .0 | .0 |
| SERVICES | 4.1 | 4.2 | 3.8 | -.1 | .3 |
| GOVERNMENT | 5.5 | 5.2 | 5.0 | .3 | .5 |
| FEDERAL GOVERNMENT | .4 | .4 | .4 | .0 | .0 |
| STATE & LOCAL GOVERNMENT | 5.1 | 4.8 | 4.6 | .3 | .5 |

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; chemicals and allied products; petroleum and coal products; rubber and plastics products and leather and leather products industries.

Table A-6.
**LYNCHBURG METROPOLITAN STATISTICAL AREA**

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| TOTAL NONAGRICULTURAL | 72.4 | 72.0 | 71.8 | .4 | .6 |
| MANUFACTURING | 24.2 | 24.2 | 24.9 | .0 | -.7 |
| DURABLE GOODS | 15.6 | 15.5 | 16.0 | .1 | -.4 |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | 3.0 | 3.0 | 3.0 | .0 | .0 |
| OTHER DURABLE GOODS | 12.6 | 12.5 | 13.0 | .1 | -.4 |
| NONDURABLE GOODS | 8.6 | 8.7 | 8.9 | -.1 | -.3 |
| FOOD & KINDRED PRODUCTS | 1.4 | 1.4 | 1.4 | .0 | .0 |
| TEXTILE MILL PRODUCTS | 1.7 | 1.7 | 1.7 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1.2 | 1.2 | 1.4 | .0 | -.2 |
| PAPER & ALLIED PRODUCTS | 1.0 | 1.0 | 1.0 | .0 | .0 |
| OTHER NONDURABLE GOODS | 3.3 | 3.3 | 3.4 | .0 | -.1 |
| NONMANUFACTURING | 48.2 | 47.8 | 46.9 | .4 | 1.3 |
| MINING | .1 | .1 | .1 | .0 | .0 |
| CONSTRUCTION | 3.1 | 3.0 | 2.8 | .1 | .3 |
| TRANSPORTATION & PUBLIC UTILITIES | 3.0 | 3.0 | 3.0 | .0 | .0 |
| WHOLESALE & RETAIL TRADE | 13.8 | 13.7 | 12.8 | .1 | 1.0 |
| WHOLESALE TRADE | 2.5 | 2.5 | 2.3 | .0 | .2 |
| RETAIL TRADE | 11.3 | 11.3 | 10.5 | .0 | .8 |
| FINANCE, INSURANCE AND REAL ESTATE | 3.6 | 3.6 | 3.4 | .0 | .2 |
| SERVICES | 12.7 | 12.7 | 12.5 | .0 | .2 |
| GOVERNMENT | 11.9 | 11.8 | 12.3 | .1 | -.4 |
| FEDERAL GOVERNMENT | .5 | .5 | .5 | .0 | .0 |
| STATE & LOCAL GOVERNMENT | 11.4 | 11.3 | 11.8 | .1 | -.4 |

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal, fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.
## NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS JUNE 1986 | MAY 1986 | JUNE 1985 | NET CHANGE FROM MAY 1986 | JUNE 1985 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 535 5 | 530 1 | 519 5 | 5 4 | 16 0 |
| MANUFACTURING | 68 2 | 68 1 | 68 5 | 1 | - 3 |
| DURABLE GOODS | 50 3 | 50 2 | 50 2 | 1 | 1 |
| LUMBER AND WOOD PRODUCTS | 1 9 | 1 9 | 1 8 | 0 | 1 |
| STONE, CLAY & GLASS PRODUCTS | 2 9 | 2 8 | 2 7 | 1 | 2 |
| FABRICATED METAL PRODUCTS | 1 4 | 1 5 | 1 6 | - 1 | - 2 |
| MACHINERY EXCEPT ELECTRICAL | 2 1 | 2 1 | 2 2 | 0 | - 1 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 2 1 | 2 3 | 2 7 | - 2 | - 6 |
| TRANSPORTATION EQUIPMENT | 37 4 | 37 1 | 36 6 | 3 | 8 |
| OTHER DURABLE GOODS | 2 6 | 2 5 | 2 6 | 1 | 0 |
| NONDURABLE GOODS | 17 9 | 17 8 | 18 3 | 1 | - 4 |
| FOOD & KINDRED PRODUCTS | 7 6 | 7 5 | 7 6 | 1 | 0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1 1 | 1 1 | 1 2 | 0 | - 1 |
| PRINTING AND PUBLISHING | 4 5 | 4 5 | 4 2 | 0 | 3 |
| CHEMICALS & ALLIED PRODUCTS | 1 8 | 1 8 | 2 0 | 0 | - 2 |
| OTHER NONDURABLE GOODS | 2 9 | 2 9 | 3 3 | 0 | - 4 |
| NONMANUFACTURING | 467 3 | 462 1 | 451 0 | 5 2 | 16 3 |
| MINING | 0 1 | 0 1 | 0 1 | 0 | 0 |
| CONSTRUCTION | 38 4 | 37 6 | 34 8 | 8 | 3 6 |
| TRANSPORTATION & PUBLIC UTILITIES | 24 9 | 24 8 | 25 5 | 1 | - 6 |
| RAILROAD TRANSPORTATION | 1 9 | 1 9 | 2 0 | 0 | - 1 |
| WHOLESALE & RETAIL TRADE | 129 5 | 128 2 | 125 0 | 1 3 | 4 5 |
| WHOLESALE TRADE | 21 3 | 21 0 | 20 9 | 3 | 4 |
| RETAIL TRADE | 108 2 | 107 2 | 104 1 | 1 0 | 4 1 |
| FINANCE, INSURANCE AND REAL ESTATE | 23 7 | 23 0 | 23 2 | 7 | 5 |
| BANKING | 6 0 | 6 0 | 5 9 | 0 | 1 |
| INS CARRIERS, AGENTS, BROKERS, & SERVICES | 4 0 | 4 1 | 4 0 | - 1 | 0 |
| SERVICES | 125 1 | 123 2 | 118 5 | 1 9 | 6 6 |
| PERSONAL SERVICES | 6 1 | 6 2 | 6 7 | - 1 | - 6 |
| GOVERNMENT | 125 7 | 125 1 | 123 8 | 6 | 1 9 |
| FEDERAL GOVERNMENT | 55 7 | 55 7 | 55 9 | 0 | - 2 |
| STATE & LOCAL GOVERNMENT | 70 0 | 69 5 | 67 9 | 5 | 2 1 |

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; primary metal; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; textile mill products; paper and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-8.
## NORTHERN VIRGINIA AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS JUNE 1986 | MAY 1986 | JUNE 1985 | NET CHANGE FROM MAY 1986 | JUNE 1985 |
|---|---|---|---|---|---|
| TOTAL NONAGRICULTURAL | 661 1 | 659 3 | 624 1 | 1 8 | 37 0 |
| MANUFACTURING | 32 8 | 32 5 | 31 6 | 3 | 1 2 |
| DURABLE GOODS | 20 1 | 20 0 | 19 5 | 1 | 6 |
| STONE, CLAY & GLASS PRODUCTS | 1 6 | 1 6 | 1 4 | 0 | 2 |
| FABRICATED METAL PRODUCTS | 1 1 | 1 1 | 1 1 | 0 | 0 |
| MACHINERY EXCEPT ELECTRICAL | 1 9 | 1 9 | 2 0 | 0 | - 1 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 12 8 | 12 7 | 12 4 | 1 | 4 |
| OTHER DURABLE GOODS | 2 8 | 2 7 | 2 6 | 1 | 2 |
| NONDURABLE GOODS | 12 7 | 12 5 | 12 1 | 2 | 6 |
| FOOD & KINDRED PRODUCTS | 1 3 | 1 3 | 1 3 | 0 | 0 |
| PRINTING AND PUBLISHING | 9 1 | 9 0 | 8 7 | 1 | 4 |
| OTHER NONDURABLE GOODS | 2 3 | 2 2 | 2 2 | 1 | 1 |
| NONMANUFACTURING | 628 3 | 626 9 | 592 5 | 1 4 | 35 8 |
| MINING | 0 6 | 0 6 | 0 6 | 0 | 0 |
| CONSTRUCTION | 48 2 | 47 8 | 43 3 | 3 | 4 9 |
| TRANSPORTATION & PUBLIC UTILITIES | 41 3 | 45 0 | 43 0 | - 3 7 | - 1 7 |
| TRANSPORTATION BY AIR | 13 6 | 13 3 | 12 0 | 3 | 1 6 |
| ELECTRIC, GAS & SANITARY SERVICES | 3 3 | 4 2 | 4 1 | - 9 | - 8 |
| WHOLESALE & RETAIL TRADE | 156 2 | 155 8 | 142 3 | 4 | 13 9 |
| WHOLESALE TRADE | 30 6 | 30 8 | 28 5 | - 2 | 2 1 |
| RETAIL TRADE | 125 6 | 125 0 | 113 7 | 6 | 11 9 |
| GENERAL MERCHANDISE STORES | 15 1 | 15 2 | 13 6 | - 1 | 1 5 |
| FOOD STORES | 15 7 | 15 7 | 14 8 | 0 | 9 |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 15 9 | 15 6 | 14 8 | 3 | 1 1 |
| APPAREL & ACCESSORY STORES | 8 0 | 8 0 | 7 4 | 0 | 6 |
| FINANCE, INSURANCE AND REAL ESTATE | 41 0 | 40 2 | 37 4 | 8 | 3 6 |
| BANKING | 6 5 | 6 5 | 6 5 | 0 | 0 |
| SERVICES | 195 0 | 193 0 | 185 1 | 2 0 | 9 9 |
| BUSINESS SERVICES | 79 2 | 78 9 | 77 1 | 3 | 2 1 |
| GOVERNMENT | 146 0 | 144 5 | 140 9 | 1 5 | 5 1 |
| FEDERAL GOVERNMENT | 73 8 | 72 5 | 73 2 | 1 3 | 6 |
| STATE & LOCAL GOVERNMENT | 72 1 | 72 0 | 67 7 | 1 | 4 4 |

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; furniture and fixtures; primary metal; transportation equipment; instruments and related products; and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco; textile mill products; apparel and other textile products; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.



See footnote Table A-1.

# ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

## RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| TOTAL NONAGRICULTURAL | 411.2 | 411.8 | 404.6 | - .6 | 6.6 |
| MANUFACTURING | 59.8 | 61.8 | 63.3 | - 2.0 | - 3.5 |
| DURABLE GOODS | 15.9 | 17.8 | 19.1 | - 1.9 | - 3.2 |
| LUMBER AND WOOD PRODUCTS | 2.1 | 2.1 | 2.0 | .0 | .1 |
| FURNITURE AND FIXTURES | 0.9 | 0.9 | 1.3 | .0 | - .4 |
| STONE, CLAY & GLASS PRODUCTS | 1.5 | 1.5 | 1.5 | .0 | .0 |
| FABRICATED METAL PRODUCTS | 1.8 | 1.7 | 2.0 | .1 | - .2 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 1.1 | 1.0 | 1.3 | .1 | - .2 |
| MACHINERY EXCEPT ELECTRICAL | 2.4 | 2.4 | 2.6 | .0 | - .2 |
| OTHER DURABLE GOODS | 7.2 | 9.2 | 9.8 | - 2.0 | - 2.6 |
| NONDURABLE GOODS | 43.8 | 44.1 | 44.3 | - .3 | - .5 |
| FOOD & KINDRED PRODUCTS | 4.1 | 4.2 | 3.9 | - .1 | .2 |
| TOBACCO MANUFACTURES | 12.3 | 12.3 | 13.7 | .0 | - 1.4 |
| APPAREL & OTHER TEXTILE PRODUCTS | 2.1 | 2.2 | 2.2 | - .1 | - .1 |
| PAPER & ALLIED PRODUCTS | 5.0 | 5.1 | 5.0 | - .1 | .0 |
| PRINTING AND PUBLISHING | 6.8 | 6.8 | 6.5 | .0 | .3 |
| COMMERCIAL PRINTING | 3.9 | 3.9 | 3.7 | .0 | .2 |
| CHEMICALS & ALLIED PRODUCTS | 10.5 | 10.5 | 10.2 | .0 | .3 |
| OTHER NONDURABLE GOODS | 3.0 | 2.9 | 2.8 | .1 | .2 |
| NONMANUFACTURING | 351.5 | 350.0 | 341.3 | 1.5 | 10.2 |
| MINING | 0.4 | 0.3 | 0.3 | .1 | .1 |
| CONSTRUCTION | 24.6 | 24.5 | 24.2 | .1 | .4 |
| TRANSPORTATION & PUBLIC UTILITIES | 21.2 | 21.9 | 21.8 | - .7 | - .6 |
| WHOLESALE & RETAIL TRADE | 99.0 | 98.0 | 96.6 | 1.0 | 2.4 |
| WHOLESALE TRADE | 24.7 | 24.3 | 24.8 | .4 | - .1 |
| RETAIL TRADE | 74.3 | 73.8 | 71.8 | .5 | 2.5 |
| GENERAL MERCHANDISE STORES | 13.3 | 13.2 | 12.8 | .1 | .5 |
| FOOD STORES | 11.3 | 11.1 | 11.1 | .2 | .2 |
| AUTOMOTIVE DEALERS AND SERVICE STATIONS | 8.2 | 8.2 | 8.4 | .0 | - .2 |
| FINANCE, INSURANCE AND REAL ESTATE | 34.7 | 34.0 | 31.7 | .7 | 3.0 |
| INS CARRIERS, AGENTS, BROKERS, & SERVICES | 12.6 | 12.5 | 12.0 | .1 | .6 |
| SERVICES | 83.3 | 82.3 | 79.4 | 1.0 | 3.9 |
| HEALTH SERVICES | 20.2 | 19.7 | 19.9 | .5 | .3 |
| GOVERNMENT | 88.3 | 88.9 | 87.3 | - .6 | 1.0 |
| FEDERAL GOVERNMENT | 16.0 | 15.9 | 15.6 | .1 | .4 |
| STATE & LOCAL GOVERNMENT | 72.3 | 72.9 | 71.7 | .6 | .6 |

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George

NOTE: The category "Other Durable Goods" includes the primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the textile mill products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

Table A-10.

## ROANOKE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | EMPLOYMENT IN THOUSANDS | | | NET CHANGE FROM | |
|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | MAY 1986 | JUNE 1985 |
| TOTAL NONAGRICULTURAL | 116.2 | 115.6 | 114.0 | .6 | 2.2 |
| MANUFACTURING | 20.7 | 20.7 | 20.9 | .0 | - .2 |
| DURABLE GOODS | 11.9 | 12.0 | 12.1 | - .1 | - .2 |
| FURNITURE AND FIXTURES | 1.6 | 1.6 | 1.6 | .0 | .0 |
| PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS | 2.5 | 2.5 | 2.6 | .0 | - .1 |
| FABRICATED METAL PRODUCTS | 1.7 | 1.7 | 1.8 | .0 | - .1 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 1.1 | 1.2 | 1.2 | - .1 | - .1 |
| MACHINERY EXCEPT ELECTRICAL | 1.7 | 1.7 | 1.7 | .0 | .0 |
| OTHER DURABLE GOODS | 6.1 | 6.1 | 6.0 | .0 | .1 |
| NONDURABLE GOODS | 8.8 | 8.8 | 8.9 | .0 | - .1 |
| FOOD & KINDRED PRODUCTS | 1.9 | 1.9 | 2.0 | .0 | - .1 |
| TEXTILE MILL PRODUCTS | 1.5 | 1.5 | 1.5 | .0 | .0 |
| APPAREL & OTHER TEXTILE PRODUCTS | 1.5 | 1.5 | 1.5 | .0 | .0 |
| PRINTING AND PUBLISHING | 1.1 | 1.1 | 1.1 | .0 | .0 |
| OTHER NONDURABLE GOODS | 2.7 | 2.7 | 2.8 | .0 | - .1 |
| NONMANUFACTURING | 95.5 | 94.9 | 93.1 | .6 | 2.4 |
| MINING | 0.2 | 0.2 | 0.1 | .0 | .1 |
| CONSTRUCTION | 7.7 | 7.6 | 7.1 | .1 | .6 |
| TRANSPORTATION & PUBLIC UTILITIES | 9.7 | 9.7 | 9.4 | .0 | .3 |
| WHOLESALE & RETAIL TRADE | 29.6 | 29.5 | 28.8 | .1 | .8 |
| WHOLESALE TRADE | 8.3 | 8.2 | 8.0 | .1 | .3 |
| RETAIL TRADE | 21.3 | 21.3 | 20.9 | .0 | .4 |
| FINANCE, INSURANCE AND REAL ESTATE | 6.9 | 6.9 | 6.8 | .0 | .1 |
| SERVICES | 26.5 | 26.4 | 25.6 | .1 | .9 |
| GOVERNMENT | 14.9 | 14.6 | 15.2 | .3 | - .3 |
| FEDERAL GOVERNMENT | 3.4 | 3.3 | 3.3 | .1 | .1 |
| STATE & LOCAL GOVERNMENT | 11.6 | 11.3 | 11.9 | .3 | - .3 |

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke

NOTE: The category "Other Durable Goods" includes the lumber and wood products; stone, clay, and glass; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco; paper and allied products; chemicals and allied products; petroleum and coal products; rubber and plastics products; and leather and leather products industries.

See footnote Table A-1.

# HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 |
| MANUFACTURING | $357.86 | $357.54 | $340.09 | 40.3 | 40.4 | 40.2 | $8.88 | $8.85 | $8.46 |
| DURABLE GOODS | 368.81 | 371.49 | 345.14 | 41.3 | 41.6 | 40.7 | 8.93 | 8.93 | 8.48 |
| LUMBER AND WOOD PRODUCTS | 261.29 | 257.04 | 253.26 | 40.7 | 40.1 | 40.2 | 6.42 | 6.41 | 6.30 |
| FURNITURE AND FIXTURES | 220.80 | 221.76 | 208.62 | 38.2 | 38.5 | 38.0 | 5.78 | 5.76 | 5.49 |
| HOUSEHOLD AND OFFICE FURNITURE | 218.69 | 220.03 | 207.31 | 38.1 | 38.4 | 37.9 | 5.74 | 5.73 | 5.47 |
| STONE, CLAY & GLASS PRODUCTS | 349.71 | 347.15 | 306.28 | 42.7 | 42.7 | 40.3 | 8.19 | 8.13 | 7.60 |
| PRIMARY METAL INDUSTRIES | 434.72 | 442.88 | 367.46 | 44.0 | 44.6 | 39.3 | 9.88 | 9.93 | 9.35 |
| FABRICATED METAL PRODUCTS | 404.03 | 397.71 | 390.96 | 42.8 | 42.4 | 43.2 | 9.44 | 9.38 | 9.05 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 352.08 | 344.68 | 361.62 | 43.2 | 42.5 | 44.1 | 8.15 | 8.11 | 8.20 |
| MACHINERY EXCEPT ELECTRICAL | 377.48 | 378.63 | 352.29 | 41.3 | 41.2 | 41.3 | 9.14 | 9.19 | 8.53 |
| CONSTRUCTION AND RELATED MACHINERY | 373.19 | 368.74 | 338.43 | 41.1 | 40.7 | 38.9 | 9.08 | 9.06 | 8.70 |
| SPECIAL INDUSTRY MACHINERY | 395.14 | 391.05 | 395.08 | 38.4 | 39.7 | 42.3 | 10.29 | 9.85 | 9.34 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 358.27 | 360.45 | 341.76 | 40.3 | 40.5 | 38.4 | 8.89 | 8.90 | 8.90 |
| COMMUNICATION EQUIPMENT | 369.15 | 370.68 | 362.34 | 41.2 | 40.6 | 39.6 | 8.96 | 9.13 | 9.15 |
| INSTRUMENTS & RELATED PRODUCTS | 248.96 | 247.16 | 252.41 | 38.9 | 38.8 | 37.9 | 6.40 | 6.37 | 6.66 |
| MISC. MANUFACTURING INDUSTRIES | 302.60 | 286.16 | 275.09 | 40.4 | 39.2 | 40.1 | 7.49 | 7.30 | 6.86 |
| NONDURABLE GOODS | 347.90 | 345.54 | 335.07 | 39.4 | 39.4 | 39.7 | 8.83 | 8.77 | 8.44 |
| FOOD & KINDRED PRODUCTS | 320.58 | 323.11 | 306.54 | 39.0 | 39.5 | 39.1 | 8.22 | 8.18 | 7.84 |
| TEXTILE MILL PRODUCTS | 267.65 | 271.52 | 260.65 | 38.4 | 38.9 | 38.5 | 6.97 | 6.98 | 6.77 |
| WEAVING MILLS, COTTON, SYNTHETICS AND WOOL | 295.10 | 305.41 | 264.62 | 41.1 | 42.3 | 38.8 | 7.18 | 7.22 | 6.82 |
| KNITTING MILLS | 250.28 | 251.69 | 246.16 | 35.4 | 35.4 | 36.2 | 7.07 | 7.11 | 6.80 |
| MISC. TEXTILE GOODS | 280.14 | 277.20 | 277.79 | 40.6 | 40.0 | 41.4 | 6.90 | 6.93 | 6.71 |
| APPAREL & OTHER TEXTILE PRODUCTS | 200.30 | 202.02 | 203.52 | 37.3 | 37.0 | 37.9 | 5.37 | 5.46 | 5.37 |
| MENS & BOYS SUITS, COATS AND FURNISHINGS | 210.29 | 215.87 | 218.18 | 36.7 | 36.9 | 39.1 | 5.73 | 5.85 | 5.58 |
| WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS | 182.28 | 183.13 | 189.00 | 37.2 | 36.7 | 37.5 | 4.90 | 4.99 | 5.04 |
| PAPER & ALLIED PRODUCTS | 459.43 | 470.67 | 437.43 | 42.5 | 43.3 | 41.7 | 10.81 | 10.87 | 10.49 |
| PULP, PAPER & PAPERBOARD | 566.69 | 593.43 | 544.40 | 44.1 | 45.3 | 42.9 | 12.85 | 13.10 | 12.69 |
| MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES | 367.92 | 369.56 | 344.29 | 41.2 | 41.9 | 40.6 | 8.93 | 8.82 | 8.48 |
| PRINTING AND PUBLISHING | 392.89 | 407.38 | 366.72 | 38.9 | 39.9 | 38.2 | 10.10 | 10.21 | 9.60 |
| NEWSPAPER AND PERIODICALS | 340.92 | 339.94 | 306.24 | 36.0 | 35.3 | 34.8 | 9.47 | 9.63 | 8.80 |
| CHEMICALS & ALLIED PRODUCTS | 474.03 | 472.15 | 445.26 | 40.9 | 41.2 | 40.7 | 11.59 | 11.46 | 10.94 |
| PLASTICS MATERIALS AND SYNTHETICS | 491.26 | 490.80 | 480.90 | 40.6 | 40.9 | 41.6 | 12.10 | 12.00 | 11.56 |
| LEATHER & LEATHER PRODUCTS | 166.16 | 166.25 | 181.40 | 36.6 | 36.7 | 40.4 | 4.54 | 4.53 | 4.49 |

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL, VIRGINIA AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 |
| MANUFACTURING | $300.92 | $302.00 | $283.71 | 40.5 | 40.0 | 40.3 | $7.43 | $7.55 | $7.04 |
| DURABLE GOODS | 369.30 | 358.97 | 335.69 | 42.4 | 40.7 | 42.6 | 8.71 | 8.82 | 7.88 |
| FABRICATED METAL PRODUCTS | 444.94 | 445.21 | 431.85 | 41.7 | 41.3 | 42.8 | 10.67 | 10.78 | 10.09 |
| MACHINERY & TRANSPORTATION EQUIPMENT | 334.77 | 318.38 | 284.86 | 42.7 | 40.2 | 42.9 | 7.84 | 7.92 | 6.64 |
| NONDURABLE GOODS | 225.41 | 237.94 | 219.16 | 38.4 | 39.2 | 37.4 | 5.87 | 6.07 | 5.86 |
| FOOD & KINDRED PRODUCTS | 256.73 | 263.12 | 231.54 | 37.1 | 38.3 | 34.1 | 6.92 | 6.87 | 6.79 |
| APPAREL & OTHER TEXTILE PRODUCTS | 199.02 | 222.20 | 200.55 | 39.1 | 40.4 | 38.2 | 5.09 | 5.50 | 5.25 |

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.



Table C-3.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 |
| MANUFACTURING | $331.14 | $341.12 | $312.66 | 39.8 | 41.0 | 38.6 | $8.32 | $8.32 | $8.10 |
| DURABLE GOODS | 340.00 | 362.08 | 323.59 | 40.0 | 42.2 | 38.8 | 8.50 | 8.58 | 8.34 |
| LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES | 210.19 | 221.53 | 187.95 | 37.4 | 39.7 | 35.0 | 5.62 | 5.58 | 5.37 |
| NONDURABLE GOODS | 317.19 | 308.90 | 294.51 | 39.5 | 39.2 | 38.1 | 8.03 | 7.88 | 7.73 |
| FOOD & KINDRED PRODUCTS | 329.64 | 340.25 | 365.62 | 41.0 | 41.8 | 41.5 | 8.04 | 8.14 | 8.81 |
| TEXTILE MILL PRODUCTS | 267.95 | 238.13 | 243.57 | 37.9 | 37.5 | 35.3 | 7.07 | 6.35 | 6.90 |
| APPAREL & OTHER TEXTILE PRODUCTS | 154.64 | 151.26 | 155.94 | 33.4 | 32.6 | 33.9 | 4.63 | 4.64 | 4.60 |
| PAPER & ALLIED PRODUCTS | 482.22 | 479.12 | 480.31 | 44.2 | 45.5 | 45.7 | 10.91 | 10.53 | 10.51 |

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 16,800 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-4.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 |
| MANUFACTURING | $389.30 | $383.13 | $342.78 | 40.3 | 40.5 | 39.4 | $9.66 | $9.46 | $8.70 |
| DURABLE GOODS | 376.90 | 378.42 | 337.02 | 41.6 | 42.0 | 41.0 | 9.06 | 9.01 | 8.22 |
| STONE, CLAY & GLASS PRODUCTS | 420.60 | 436.69 | 297.60 | 42.7 | 43.8 | 40.6 | 9.85 | 9.97 | 7.33 |
| FABRICATED METAL PRODUCTS | 373.43 | 381.89 | 403.19 | 39.6 | 40.8 | 43.4 | 9.43 | 9.36 | 9.29 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 331.68 | 330.88 | 314.40 | 40.4 | 40.9 | 40.0 | 8.21 | 8.09 | 7.86 |
| NONDURABLE GOODS | 405.30 | 387.84 | 351.37 | 38.6 | 38.4 | 37.3 | 10.50 | 10.10 | 9.42 |
| FOOD & KINDRED PRODUCTS | 326.40 | 320.02 | 294.58 | 40.0 | 41.4 | 36.1 | 8.16 | 7.73 | 8.16 |

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford) cover approximately 14,400 production workers.



Table C-5.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 |
| MANUFACTURING | $446.12 | $433.79 | $421.61 | 40.3 | 39.4 | 40.5 | $11.07 | $11.01 | $10.41 |
| DURABLE GOODS | 334.85 | 350.38 | 341.12 | 41.7 | 40.6 | 41.0 | 8.03 | 8.63 | 8.32 |
| LUMBER AND WOOD PRODUCTS | 247.45 | 251.93 | 224.14 | 40.9 | 41.3 | 39.6 | 6.05 | 6.10 | 5.66 |
| FURNITURE AND FIXTURES | 245.53 | 198.59 | 206.86 | 42.7 | 37.4 | 40.8 | 5.75 | 5.31 | 5.07 |
| FABRICATED METAL PRODUCTS | 317.20 | 323.44 | 397.44 | 39.7 | 39.3 | 41.4 | 7.99 | 8.23 | 9.60 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 328.64 | 332.20 | 417.25 | 39.5 | 39.5 | 43.6 | 8.32 | 8.41 | 9.57 |
| NONDURABLE GOODS | 485.56 | 467.22 | 452.65 | 39.8 | 39.0 | 40.2 | 12.20 | 11.98 | 11.26 |
| FOOD & KINDRED PRODUCTS | 321.53 | 328.56 | 316.76 | 37.0 | 37.0 | 40.3 | 8.69 | 8.88 | 7.86 |
| APPAREL & OTHER TEXTILE PRODUCTS | 205.74 | 201.63 | 207.20 | 38.6 | 38.7 | 37.2 | 5.33 | 5.21 | 5.57 |
| PAPER & ALLIED PRODUCTS | 453.60 | 458.17 | 426.62 | 42.0 | 42.9 | 41.5 | 10.80 | 10.68 | 10.28 |
| PRINTING AND PUBLISHING | 418.70 | 443.87 | 416.97 | 39.8 | 41.6 | 39.3 | 10.52 | 10.67 | 10.61 |
| CHEMICALS & ALLIED PRODUCTS | 548.00 | 556.42 | 509.01 | 40.0 | 41.4 | 43.1 | 13.70 | 13.44 | 11.81 |

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 40,700 production workers.

See footnote Table C-1.
[1]1985 data not comparable to prior years.

Table C-6.

## ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE METROPOLITAN STATISTICAL AREA

| INDUSTRY GROUP | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 | JUNE 1986 | MAY 1986 | JUNE 1985 |
| MANUFACTURING | $339.36 | $334.53 | $260.94 | 40.4 | 40.5 | 36.7 | $8.40 | $8.26 | $7.11 |
| DURABLE GOODS | 354.14 | 341.25 | 230.52 | 40.8 | 40.1 | 33.9 | 8.68 | 8.51 | 6.80 |
| FABRICATED METAL PRODUCTS | 342.97 | 306.06 | 302.40 | 44.6 | 40.7 | 42.0 | 7.69 | 7.52 | 7.20 |
| FABRICATED STRUCTURAL METAL PRODUCTS | 355.22 | 303.05 | 298.92 | 47.3 | 41.8 | 42.4 | 7.51 | 7.25 | 7.05 |
| NONDURABLE GOODS | 319.99 | 326.33 | 301.73 | 39.8 | 41.1 | 40.5 | 8.04 | 7.94 | 7.45 |
| FOOD & KINDRED PRODUCTS | 380.98 | 370.35 | 333.63 | 44.3 | 41.8 | 41.6 | 8.60 | 8.86 | 8.02 |
| TEXTILE MILL PRODUCTS | 235.25 | 267.97 | 250.47 | 34.8 | 41.1 | 41.4 | 6.76 | 6.52 | 6.05 |

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,800 production workers.

See footnote Table C-1.



Table C-7.

## CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

### ALL ITEMS—(1967 = 100)

| Year | Jan. | Feb. | March | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Avg. | Ann. Avg. Change |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1978 | 187.2 | 188.4 | 189.8 | 191.5 | 193.3 | 195.3 | 196.7 | 197.8 | 199.3 | 200.7 | 200.9 | 202.9 | 195.4 | 7.7% |
| 1979 | 204.7 | 207.1 | 209.1 | 211.5 | 214.1 | 216.6 | 218.9 | 221.1 | 223.4 | 225.4 | 227.5 | 229.9 | 217.4 | 11.3 |
| 1980 | 233.2 | 236.4 | 239.8 | 242.5 | 244.9 | 247.6 | 247.8 | 249.4 | 251.7 | 253.9 | 256.2 | 258.4 | 246.8 | 13.5 |
| 1981 | 260.5 | 263.2 | 265.1 | 266.8 | 269.0 | 271.3 | 274.4 | 276.5 | 279.3 | 279.9 | 280.7 | 281.5 | 272.4 | 10.4 |
| 1982 | 282.5 | 283.4 | 283.1 | 284.3 | 287.1 | 290.6 | 292.2 | 292.8 | 293.3 | 294.1 | 293.6 | 292.4 | 289.1 | 6.1 |
| 1983 | 293.1 | 293.2 | 293.4 | 295.5 | 297.1 | 298.1 | 299.3 | 300.3 | 301.8 | 302.6 | 303.1 | 303.5 | 298.4 | 3.2 |
| 1984 | 305.2 | 306.6 | 307.3 | 308.8 | 309.7 | 310.7 | 311.7 | 313.0 | 314.5 | 315.3 | 315.3 | 315.5 | 311.1 | 4.3 |
| 1985 | 316.1 | 317.4 | 318.8 | 320.1 | 321.3 | 322.3 | 322.8 | 323.5 | 324.5 | 325.5 | 326.6 | 327.4 | 322.2 | 3.6 |
| 1986 | 328.4 | 327.5 | 326.0 | 325.3 | 326.3 | 327.9 | | | | | | | | |

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

## EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 43.5 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 0.8 percent adjustment in benchmark levels for the first quarter 1985 benchmark.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Economic Information Services Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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